

ABSTRACT

A pneumatic tire for heavy load is provided to be able to effectively enhance the transversal stiffness, so that the carcass can be prevented from breaking before the other reinforcement members such as a belt and a reinforcement layer break.

A tread rubber is arranged radially outwardly on the crown portion of the carcass. A belt consisting of at least one belt layer is arranged between the tread rubber and the carcass. The belt layer containing cords extending in a direction inclined from the tire's circumferential direction. At least one circumferential reinforcement layer containing meandering cords extending generally along the tire's circumferential direction in a wavy or zigzag shape is provided radially outwardly or inwardly on the belt or between the belt layers. At least one transversal reinforcement layer containing straight cords extending generally perpendicular to the tire's circumferential direction is provided on the position radially outwardly adjacent to the crown portion of the carcass.